

20000728.qrp v01_n896.qrl.20000728

Date: Fri, 28 Jul 2000 19:03:05 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1896

QRP-L Digest 1896

Topics covered in this issue include:

- 1) [76000] Re: Ideas for portable backpacking masts?
by "Chuck Carpenter" <w5usj@globeco.net>
- 2) [76001] ANTS.: Gap TITAN hints for good installation
by Stuart Rohre <rohre@arlut.utexas.edu>
- 3) [76002] Re: Tunnel Diodes WTB
by n4qa@juno.com
- 4) [76003] Re: HOA's and antennas.....
by "Cameron C.R. Bailey" <cbailey@wjtl.net>
- 5) [76004] Friday starts Austin Summerfest QRP activities! SWAP etc
by Stuart Rohre <rohre@arlut.utexas.edu>
- 6) [76005] FOX - pelt #6
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- 11) [76010] QRTP Dummy Load
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by Al Scanandoah <k2zn@rochester.rr.com>
- 13) [76012] First Fox Hunt
by "Ed Nelson" <edxnelson@home.com>
- 14) [76013] Re: ANTS.: Gap TITAN hints for good installation
by Jim Durkin <jimdurkin@yahoo.com>
- 15) [76014] Fox Pelt #5 The hunt is on
by "Glenn Maclean" <glennmaclean@ix.netcom.com>
- 16) [76015] Pesky FOX...
by N10DL@aol.com
- 17) [76016] Re: First Time!
by "Kenneth Wilson" <kg4big@mindspring.com>
- 18) [76017] FOXHUNT SEVEN - Ron, W8RU, in Michigan
by tom palmer <n1tp@worldnet.att.net>
- 19) [76018] POW!!

- by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 20) [76019] FOX: QSB up/down in ND, but got Ron at 0200
by Kevin L Anderson <k9iua@juno.com>
- 21) [76020] OT:Need help SB card
by David Shalita <af389@lafn.org>
- 22) [76021] No luck yet here in NH
by N10DL@aol.com
- 23) [76022] FOX: Lots of DX
by N10DL@aol.com
- 24) [76023] Wanted DSW kit
by "Marty Purselley" <brewer@flash.net>
- 25) [76024] WTB: Built K2
by "Kelly Ellison" <kelman@dialnet.net>
- 26) [76025] WOW!! Thanks for GAP info!!!
by "Mark A. Prather" <maprath@prairienet.org>
- 27) [76026] FOX: W8RU Quick Summary
by Ron Majewski <majewski@erim-int.com>
- 28) [76027] FOX: W8RU Summer Fox on 28 July, 0100utc
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 29) [76028] The Fox Hammer Came Down
by "Bob Tellefsen" <n6wg@earthlink.net>
- 30) [76029] Re: Presidents award QRP ARCI
by Buck Switzer <n8cqa@tir.com>
- 31) [76030] QSO - Thanks, Ron :-)
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 32) [76031] RF Design only \$14
by "Preston Buck" <pbuck@flash.net>
- 33) [76032] Re: Presidents award QRP ARCI
by "Rod, N0RC" <n0rc@qsl.net>
- 34) [76033] Re: FOXHUNT SEVEN - Ron, W8RU, in Michigan
by "Marshall Emm" <mgemm@mtechnologies.com>
- 35) [76034] Fox Hunting
by "TC Dufresne" <tdufres@radiks.net>
- 36) [76035] Re: Updated BEE ROSTER
by John Sullivan <kg0mz@swbell.net>
- 37) [76036] K2 presentation materials?
by paule@sfu.ca
- 38) [76037] Re: Fox Hunting
by "Marshall Emm" <mgemm@mtechnologies.com>
- 39) [76038] Re: Ft. Tuthill Portable
by W1R0@aol.com
- 40) [76039] FOX: Tough Hunt
by Todd Enders <enders@bolshoi.cc.misu.nodak.edu>
- 41) [76040] QRP ARCI President's Award Honors W1RFI
by K5KW@aol.com
- 42) [76041] Fox Hunting Tips
by Chuck Adams <k7qo@primenet.com>
- 43) [76042] Ft. Tuthill

by DYARNES@aol.com

44) [76043] Free memory and a request
by "Ken Simpson" <W8EK@fddt.net>

45) [76044] Re: K2 presentation materials?
by "Mike Yetsko" <myetsko@insydesw.com>

46) [76045] QRP ARCI President's Award Honors W1RFI
by Richard Arland <k7sz@epix.net>

47) [76046] more varactor questions
by David Hinerman <dlh1009@ritvax.isc.rit.edu>

48) [76047] Re: HOA's and antennas.....
by "Mike Yetsko" <myetsko@insydesw.com>

49) [76048] Re: OT:Need help SB card
by "Mike Yetsko" <myetsko@insydesw.com>

50) [76049] FS: NC20... no longer
by "David Maliniak" <dmaliniak@verticalnet.com>

51) [76050] RE: HOA's and antennas.....
by "Hare, Ed, W1RFI" <w1rfi@arrl.org>

52) [76051] ANT:4 cond.rotor wire
by JP <jdanter@mail.i-america.net>

53) [76052] RE: Presidents award QRP ARCI
by "Hare, Ed, W1RFI" <w1rfi@arrl.org>

54) [76053] CONTEST: IOTA Contest 7/29-30
by Ken Newman <N2CQ@citnet.com>

55) [76054] Need front panel
by "Ron Giuntini" <rong@slip.net>

56) [76055] Re: more varactor questions
by "Paul Harden, NA5N" <na5n@rt66.com>

57) [76056] Re: more varactor questions
by David Hinerman <dlh1009@ritvax.isc.rit.edu>

58) [76057] Re: ANT:4 cond.rotor wire
by Phil Wheeler <w7ox@earthlink.net>

59) [76058] FS: HW-7 - hot deal!
by Radman <radman@best.com>

60) [76059] Tunnel diode
by Robert McAtee <w5tnj@camalott.com>

61) [76060] Re: ANT:4 cond.rotor wire
by "George , W5YR" <w5yr@att.net>

62) [76061] Norcal "Buzznot" question
by "Coote, Jay" <JCoote@ci.arcadia.ca.us>

63) [76062] FS:OHR400 & DD-1 Combo
by Michael Connor <mikec@primenet.com>

64) [76063] Bumblebee question
by Bruce Rattray <rattray@gpfn.sk.ca>

65) [76064] Re: RF Design only \$14 -- and so much more!
by Doug Simpson <dsimpson@darkwing.uoregon.edu>

66) [76065] Re: Presidents award QRP ARCI
by Bob Kellogg <ae4ic@nr.infi.net>

67) [76066] Lighthouse Special Event-with K2!

by "John L. Sielke" <n4js@pobox.com>
68) [76067] FOX: W8RU Preliminary Log and Comments (28 July; long)
by Ron Majewski <majewski@erim-int.com>
69) [76068] FOX: W8RU Final Log for Hunt Six (23 July 2000)
by Ron Majewski <majewski@erim-int.com>
70) [76069] K2 nabs infamous 'ditter'
by "K7FD" <cqdx@teleport.com>
71) [76070] N0RC/BB #63 Hive Bound
by "Rod, N0RC" <n0rc@qsl.net>
72) [76071] Got my part
by "Ron Giuntini" <rong@slip.net>
73) [76072] Silver mica caps.
by "Randall" <Firefox@Southwind.net>
74) [76073] Re: Silver mica caps.
by neil <neil@aade.com>

Date: Thu, 27 Jul 2000 18:02:41 -0500
From: "Chuck Carpenter" <w5usj@globeco.net>
To: mike.parkes@westcoasthotels.com, "Low Power Amateur Radio Discussion" <qrp-
l@Lehigh.EDU>
Subject: [76000] Re: Ideas for portable backpacking masts?
Message-ID: <3.0.2.32.20000727180241.007c8e80@mail.globeco.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Mike and all,

>I would like to build some sort of portable mast support for QRP work
while backpacking that would extend maybe 25-30 ft to the top. Needs to be
lightweight.

>

I found an aluminum pool skimmer pole at Walmart that is about 20 ft
extended. It has a plastic handle on one end that could be removed and
there are locking rings between the three sections. A fourth section could
be added to put it up a few more feet. Mine is used with a 20 m inv vee
and has made lots of contacts for me. Light but still a little long even
when collapsed.

Chuck Carpenter, Point, Rains County, Texas -- EM22cv, RARA #003
ARCI #5422, QRP-L #1306, SOC #57, Six Club #201, SMIRK #6275

Date: Thu, 27 Jul 2000 18:59:59 -0500
From: Stuart Rohre <rohrer@arlut.utexas.edu>

To: "qrp-1@lehigh.edu" <qrp-1@lehigh.edu>, maprath@prarienet.org
Subject: [76001] ANTS.: Gap TITAN hints for good installation
Message-ID: <3980CCFF.6554144E@arlut.utexas.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Mark,

I am going to tell you some hints I used on mine which has survived a near
tornado, and has given great DX for several years.

Most of these hints work for other verticals, and any aluminum tubing antenna.

Specific to the Gap, Check the inventory, make sure you understand how the
parts go together, especially the wire jumpers for the decoupler rods. Get
some NoOx or Butter its Not, anti corrosion grease for aluminum, and coat the
tubing that slides into another tube. Make sure all aluminum connection
points are clean and bright before doing this.

Do Follow their instructions. Unless you have nearby structures that
are conductors, you should be able to put it on the tilt base with the bottom
end of the vertical antenna at least 6 feet off earth and have it work fine
without adjustment. Mine did just like that over poor RF earth.

Make sure all rods are at the settings in instructions, and are tight in all
connections. There might be some special case, such as one band that is
detuned by nearby metal that might require slight adjustment, but if things
aren't in SWR spec recheck that you have not misconnected some pieces. The
counterpoise wire has to be on the antenna for you to have 40M show up as one
of the resonant frequencies, and on some tilt base installations, you have to
put the vertical upright to add this set of crossed rods with wire on the
insulated tips. Be aware that the insulators don't screw on the rod ends, the
screw in the insulator simply keeps the grey insulator tube from slipping down
the rod toward the mast.

Be sure to move a metal ladder away from the antenna while testing, as
anything like that would detune it.

The antenna has very sturdy triple wall tubing but has built in give and will
take quite a bit of wind. The first wind storm mine survived UNGUYED, had 40
mph winds, and my base mast, (not from Gap), did not hold. The antenna tilted
over and came to rest in a friendly Oak tree, but no damage. That is when I
went to Wal Mart and got some 880 pound test nylon line and made 3 simple guys
just looped around the vertical below the center fed section. Used clove
hitch around the upright mast for each. Since then the antenna took 75 mph
straight line winds, outflow from a Tornado nearby. Trees fell on both sides
of the street and in the yard next door. The TITAN lived up to its giant's
name and stood up to it all with no problem, except I had to take up the

stretched part of the nylon guys.

Your friend should spray the Antenna after assembly with Krylon or similar clear coating for added protection. This would be if you are in an area with smog or sea air, near a lake, etc. The 40M circumference wire has a steel strength member, or at least mine did, and it will eventually rust if not protected by spraying. However, I have not seen any effect on antenna performance from this one strand. I may move mine to a higher mast, with tilt over base, and then I might replace this wire with a new one. I would just use an all copper 14 gauge wire, as my circumference wire is not under any tension. It does get a work out from VERY FAT white wing doves roosting on it, but so far the wire is holding up fine. A squirrel even ran along one of the radius rods the other day, and leaped to the patio roof from the antenna, so it has seen most any stress. I am very pleased with mine. And no, Richard H. at Gap has not paid me anything nor do I own stock! Kinda wish I did!

Good luck with your installation, and hope your friend enjoys his Titan.
72, Stuart K5KVH

Date: Thu, 27 Jul 2000 20:12:28 -0400
From: n4qa@juno.com
To: qrp-1@Lehigh.EDU
Subject: [76002] Re: Tunnel Diodes WTB
Message-ID: <20000727.201232.-130845.1.n4qa@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

The tunnel diode is one of those mysterious devices that resurfaces from time to time in the hobbyists' world and then disappears again. My Dad, W4MAI built a crystal oscillator back in the (nineteen) sixties using one of those things and I remember what a super note it had... keyed it with an old J-38. The part numbers that come to mind are the 1N3712 - 1N3721 series and the TD-261 - TD-266 series. According to <http://www.americanmicrosemi.com> , some of these devices are available today. Good luck and 73,
Bill, N4QA

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<http://dl.www.juno.com/get/tagj>.

Date: Thu, 27 Jul 2000 20:40:57 -0400
From: "Cameron C.R. Bailey" <cbailey@wjtl.net>
To: <GElam30092@aol.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [76003] Re: HOA's and antennas.....
Message-ID: <005301bff82c\$7f85fc40\$78202940@pavilion>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Congratulations!

I am keeping an eye on legislation to help someday. It worked for the digital satellite dish companies (bigger lobby than the antenna manufacturers).

Until then, infiltration is the key for me. I am now president of our HOA. I recruited another ham who has a vertical planted only 3 feet from the side of his house and he is VP. In our CC&R it states, "No antennas permitted." Also, to change the CC&R, it will take 100% consensus of the owners to change an existing restriction. :(

Last resort of course is to move. (Not likely.)

Too bad touch lamps and light dimmers aren't banned!!!

72, kt3a cam

----- Original Message -----

From: <GElam30092@aol.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Thursday, 27 July, 2000 00:31
Subject: HOA's and antennas.....

> Some of you might remember an article that I offered to the list regarding
> HOA, the FCC's position, antennas and restrictions. I sent that article
> to
> my HOA which was presented to the board along with a request to be able to
> set up a mast when operating. The actual meeting occurred when I was on
> vacation earlier this month.
>
> About two weeks ago, there was a letter from the mgt. company. It stated
> that the board hadn't made a decision and wanted to see me at the next
> meeting which was July 26. Uh oh..... run around time so I thought.

>
> So, on top of putting together the noise kits, getting ready for Tuthill,
> etc, I had a board meeting to attend.
>
> Took my expandable mast and daughter to the meeting. My daughter, Robyn,
> said that she knew one of the men that was there. Seems that this guy and
my
> daughter's mother went to high school together and this guy's wife is
> president of the HOA board. I could see that this was going to be good.
> Both of them commented on how good my daughter dances too. Yep... in the
> bag.
>
> I was the first up. Showed them the mast, answered a couple of basic
> questions on its support (none), hours of operation (not a lot but when I
> feel like it), interference (none for the most part), etc. and a motion
was
> made to approve it. It passed 5-0!!!!
>
> So, I now have permission to put up a 33-ft. antenna when operating.....
> that's a good thing. No restrictions on time or power although they
expect
> me to keep it around 5 W which I'll try to do as a good faith effort.
>
> 73's
> Gerry Elam, K7LR0
> PHX AZ
>

Date: Thu, 27 Jul 2000 20:09:50 -0500
From: Stuart Rohre <rohre@arlut.utexas.edu>
To: "qrp-1@lehigh.edu" <qrp-1@lehigh.edu>, AQR@egroups.com
Subject: [76004] Friday starts Austin Summerfest QRP activities! SWAP etc
Message-ID: <3980DD5E.932C3E08@arlut.utexas.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The Summerfest Amateur Radio South Texas Section Convention is July 28 and 29. This is also the Summer Covention of the Texas VHF-FM Repeater Society. A full line of ARRL, DX, ARES, Amsat, New Ham and other forums is planned. The DX forum will feature winners from the IARU World Championship just completed in Europe. Dealers and both indoor and outdoor swap meets will be available.

On Fri., 28 July, you can register at 5 PM, at 6 PM the swap meet indoors opens in the Hilton Inn, Middle Fiskville Rd. by Highland Mall off 290 and IH

35. (Just a couple blocks from the Hotel used in 1999).

The QRP crowd will meet at the Convention Registration tables in the Hilton at 7:00-7:30 PM and

go over to Lone Star Cafe across the street in Lincoln Center, for our annual gab fest and dinner, (Dutch Treat), Hey Dutch, you hear that?

There will be prize give aways at the dinner Fri. nite, and at the forum at 10 AM Sat.

The forum is in the PEACH meeting room in the Super 8 Motel next door to the North of Hilton.

Look at the web site for Summerfest at <repeater.org>. Use google.com search to find "Summerfest". Or go to your book mark for the Austin Radio Clubs web pages on repeater.org. There will be Summerfest links. We have Monty and John from Austin QRP Club, leading off our forum programs.

Monty will cover the intro and basics of QRP ON THE CHEAP very comprehensively and we will

have a show and tell of typical rigs. (Bring your favorites). John then will lead us into the newest digital aids to Morse, THE MCD, DIGITAL DNA. Those PICs are

obsolete, guys and gals! And did I mention the give aways, as in prizes?

If there is time remaining, we will have an antenna for QRP related paper at the end.

Both Friday and Saturday night, there will be a Hospitality Suite in Suite 137 hosted by Austin Clubs and Jeff, N5MNV and Lori KM5MQ, who also Friday are celebrating 4 years as OM and XYL. They say there will be cake!

We are having a good response for the Fri. dinner at Lone Star. If you have not QSL'd that you are coming, please let me know, so that we may have quicker set up at the cafe.

72, Stuart K5KVH

Date: Thu, 27 Jul 2000 21:05:27 EDT

From: n5ib@juno.com

To: qrp-l@Lehigh.edu

Subject: [76005] FOX - pelt #6

Message-ID: <20000727.200328.4663.2.N5IB@juno.com>

Ron is just above 14056 VERY strong into Louisiana. Worked him on the first call about 45 seconds after the hour. 5 W, K2, 40 m horizontal loop at 15 ft.

72 and good hunting
Jim N5IB

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<http://dl.www.juno.com/get/tagj>.

Date: Thu, 27 Jul 2000 21:09:03 EDT
From: N10DL@aol.com
To: qrp-l@lehigh.edu
Subject: [76006] FOX tonight?
Message-ID: <11.70bc256.26b2372f@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Tonight is the night...right? Just checking after my mistake last night.
Nothing heard on 14.060 at 0108Z here in NH. Do hear a guy calling CQ Fists
though....
Aron
N10DL
Bedford, NH

Date: Thu, 27 Jul 2000 20:16:07 -0500
From: "George , W5YR" <w5yr@att.net>
To: QRP-L@Lehigh.EDU
Subject: [76007] POW!!
Message-ID: <3980DED7.24FB4C85@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Just gotta brag a little guys.

Heard Rom start the hunt on 14,056.050. After getting him all tuned in, I
estimated that he would be listening around 600 Hz higher. So, I set
the old Kachina for 14,056.700 and fired one shot.

Back he came - one call - at 0104Z!

Thanks a million, Ron, for giving an old man a real thrill!

And another pelt! (6/7) ;^)

--

72/73, George W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE Dallas in Collin county QRP-L 1373
Amateur Radio W5YR, in the 54th year and it just keeps getting better!
R/C since 1964 - AMA 98452 RVing since 1972 Kachina #91900556
(12/99)

Date: Thu, 27 Jul 2000 19:26:44 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: qrp-l@lehigh.edu
Subject: [76008] FOX in the bag
Message-ID: <39808CF4.27035.1539A0F@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Ron's signal is all over the back paddock, from 5/7/9 down to 3/2/9, as if he were rotating a beam (maybe he is [g]). I got my gun loaded late, about 10 past the hour, knocked out some bushes and some rocks with repetitive wasted shots, then got him smack between the ears at 0114.

Marshall Emm, N1FN
Milestone Technologies, Inc.
(303) 752-3382
<http://www.mtechnologies.com>

Date: Thu, 27 Jul 2000 20:34:20 -0500
From: Stuart Rohre <rohre@arlut.utexas.edu>
To: "qrp-l@lehigh.edu" <qrp-l@lehigh.edu>, AQR@egroups.com
Subject: [76009] QRP Forum at Austin TX Summerfest introduces a new kit
Message-ID: <3980E31C.646789D8@arlut.utexas.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

WHAT is the "MCD"

Do you have a Koch Trainer?
A CPO?

What do you use for a 10 minute timer in Foxhunts of the DF type?

If these questions have gotten you curious, come to the 10AM Sat. 29 July QRP Forum in the Peach room at the Super 8 next Door to the Hilton Hotel.

There you will have your quest answered by John Fisher, K5JHF, from AQR Club. And in the process, be introduced to "DIGITAL DNA" John will have examples of the new MCD for your enjoyment.

To get your fervor up for this, Monty Northrup, N5FC, will lead off with "QRP on the CHEAP." How much can you get all your qrp station together for? What are effective parts of such a station? What does a SWL-x look like, a SST? How do I get the most fun for my money? What is the L NET transmatch?

And did we mention prizes? A Palomar Noise Bridge will go home to help tune up some lucky QRP'ers antenna.

And maybe, a chance to meet Kurt N. Sterba? Don't be left out! Be early to the Peach Room, 10 AM is the start. Seating is limited -don't forget it takes a minute to walk to the Motel 8 next door to Hilton (where the swap is)

AQR Club will have a table in the swap. You must be responsible for your own gear.

But you are welcome to sell from the club table.

See You THERE!

AQR Club and Stuart K5KVH

Date: Thu, 27 Jul 2000 21:29:08 -0400
From: "Thaire Bryant" <tbry37@ici.net>
To: "QRP-L" <QRP-L@lehigh.edu>
Subject: [76010] QRTP Dummy Load
Message-ID: <200007280133.VAA08638@bajor.ici.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

>From QRP Homebrewer, Winter 2000:

4 x 51 ohm resistors; two pennies = QRP gallon

Thaire W2APF

Article by WA2DJN (wa2djn@juno.com)

Date: Thu, 27 Jul 2000 21:36:46 -0400
From: Al Scanandoah <k2zn@rochester.rr.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [76011] First Time!
Message-ID: <3980E3AE.CEC0BE6D@rochester.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

At first, Ron was barely audible, then crept up to an honest S9. Bagged him at 0130. Not too bad considering the NY to MI shot can be tough on 20.

Al, K2ZN ex-WA2VEZ

Date: Thu, 27 Jul 2000 21:37:47 -0400
From: "Ed Nelson" <edxnelson@home.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [76012] First Fox Hunt
Message-ID: <008201bff834\$6fa47560\$2c490b18@prntn1.nj.home.com>

This was my first Fox Hunt and a lot of fun. Got him but it took quite a few calls. I'll be back Sunday.
Ed W4EN

Date: Thu, 27 Jul 2000 18:39:33 -0700 (PDT)
From: Jim Durkin <jimdurkin@yahoo.com>
To: rohre@arlut.utexas.edu, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [76013] Re: ANTS.: Gap TITAN hints for good installation
Message-ID: <20000728013933.22981.qmail@web312.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Would also be sure to check the cap so that you have the one for the portion of 80 meters where you want to operate. I think there are 3 or 4 of these. I bought the tilt-over base. It is exceptionally easy to install. Just dig a hole and back fill around it. Also bought the guying kit and attach 4 guy ropes.

Works well.

73

Jim kt4a

--- Stuart Rohre <rohre@arlut.utexas.edu> wrote:

> Mark,
> I am going to tell you some hints I used on mine
> which has survived a near
> tornado, and has given great DX for several years.
>
> Most of these hints work for other verticals, and
> any aluminum tubing antenna.
>
> Specific to the Gap, Check the inventory, make sure
> you understand how the
> parts go together, especially the wire jumpers for
> the decoupler rods. Get
> some NoOx or Butter its Not, anti corrosion grease
> for aluminum, and coat the
> tubing that slides into another tube. Make sure all
> aluminum connection
> points are clean and bright before doing this.
>
> Do Follow their instructions. Unless you have
> nearby structures that
> are conductors, you should be able to put it on the
> tilt base with the bottom
> end of the vertical antenna at least 6 feet off
> earth and have it work fine
> without adjustment. Mine did just like that over
> poor RF earth.
>
> Make sure all rods are at the settings in
> instructions, and are tight in all
> connections. There might be some special case, such
> as one band that is
> detuned by nearby metal that might require slight
> adjustment, but if things
> aren't in SWR spec recheck that you have not
> misconnected some pieces. The
> counterpoise wire has to be on the antenna for you
> to have 40M show up as one
> of the resonant frequencies, and on some tilt base
> installations, you have to
> put the vertical upright to add this set of crossed
> rods with wire on the
> insulated tips. Be aware that the insulators don't
> screw on the rod ends, the
> screw in the insulator simply keeps the grey

> insulator tube from slipping down
> the rod toward the mast.
>
> Be sure to move a metal ladder away from the antenna
> while testing, as
> anything like that would detune it.
>
> The antenna has very sturdy triple wall tubing but
> has built in give and will
> take quite a bit of wind. The first wind storm mine
> survived UNGUYED, had 40
> mph winds, and my base mast, (not from Gap), did not
> hold. The antenna tilted
> over and came to rest in a friendly Oak tree, but no
> damage. That is when I
> went to Wal Mart and got some 880 pound test nylon
> line and made 3 simple guys
> just looped around the vertical below the center fed
> section. Used clove
> hitch around the upright mast for each. Since then
> the antenna took 75 mph
> straight line winds, outflow from a Tornado nearby.
> Trees fell on both sides
> of the street and in the yard next door. The TITAN
> lived up to its giant's
> name and stood up to it all with no problem, except
> I had to take up the
> stretched part of the nylon guys.
>
> Your friend should spray the Antenna after assembly
> with Krylon or similar
> clear coating for added protection. This would be if
> you are in an area with
> smog or sea air, near a lake, etc. The 40M
> circumference wire has a steel
> strength member, or at least mine did, and it will
> eventually rust if not
> protected by spraying. However, I have not seen any
> effect on antenna
> performance from this one strand. I may move mine
> to a higher mast, with tilt
> over base, and then I might replace this wire with a
> new one. I would just
> use an all copper 14 gauge wire, as my circumference
> wire is not under any
> tension. It does get a work out from VERY FAT white
> wing doves roosting on
> it, but so far the wire is holding up fine. A

> squirrel even ran along one of
> the radius rods the other day, and leaped to the
> patio roof from the antenna,
> so it has seen most any stress. I am very pleased
> with mine. And no, Richard
> H. at Gap has not paid me anything nor do I own
> stock! Kinda wish I did!
>
> Good luck with your installation, and hope your
> friend enjoys his Titan.
> 72, Stuart K5KVH

Do You Yahoo!?
Kick off your party with Yahoo! Invites.
<http://invites.yahoo.com/>

Date: Thu, 27 Jul 2000 18:39:34 -0700
From: "Glenn Maclean" <glennmaclean@ix.netcom.com>
To: <qrp-1@Lehigh.EDU>
Subject: [76014] Fox Pelt #5 The hunt is on
Message-ID: <004c01bff834\$af177080\$02fea8c0@c84215>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

This is my first fox hunting season. Ron is now booming into the west coast.
Fired lots of shots but got him at 0:136. I am now 5 out of 7 pelts so far.
this is way too much fun!
Thanks again Ron

Glenn WA7SPY Sacramento, CA

Date: Thu, 27 Jul 2000 21:51:00 EDT
From: N10DL@aol.com
To: qrp-1@lehigh.edu
Subject: [76015] Pesky FOX...
Message-ID: <31.8238f62.26b24104@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Got lots of hounds here in NH but barely can hear the fox. guess I need to wait till the croud thins out a bit. Did hear him for a few moments about 10 minutes ago. His antenna must not be facing me at the moment. hanging in there.(0151)Z

Date: Thu, 27 Jul 2000 21:56:33 -0400
From: "Kenneth Wilson" <kg4big@mindspring.com>
To: <k2zn@rochester.rr.com>
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [76016] Re: First Time!
Message-ID: <005d01bff837\$11082760\$652a56d1@oemcomputer>

Same here in KY A1. I could just barely tell he was there & I was thinking no fox for me. Then at approx 0134 he was a "BIG" signal 10 over s9 & was able to snag him down abit.

Propagation on 20 sure can change in a matter of minutes .HI

Ken KG4BIG
----- Original Message -----
From: "Al Scanandoah" <k2zn@rochester.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Thursday, July 27, 2000 9:36 PM
Subject: First Time!

> At first, Ron was barely audible, then crept up to an honest S9. Bagged
> him at 0130. Not too bad considering the NY to MI shot can be tough on
> 20.
>
> A1, K2ZN ex-WA2VEZ

Date: Thu, 27 Jul 2000 21:57:42 -0400
From: tom palmer <n1tp@worldnet.att.net>
To: QRP-L <qrp-l@Lehigh.EDU>, David Weigel <weigeldc@aol.com>
Subject: [76017] FOXHUNT SEVEN - Ron, W8RU, in Michigan
Message-ID: <3980E896.8581F08F@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I saw it on the FOX News Network:

The Swamp Rats have a SWEEP in Hunt 7.

We to go:

AJ4Y - Paul in FL

K0EVZ - Doc in ND

AF4PS - Mac in FL

NV4V - Pete in KY

and yours truly,

N1TP - Tom in FL.

Now, what about them DAWGS?

Date: Thu, 27 Jul 2000 22:14:01 -0400
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: "INTERNET:w5yr@att.net" <w5yr@att.net>
Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>, QRP-L Discussion Group
<QRP-L@Lehigh.edu>
Subject: [76018] POW!!
Message-ID: <200007272214_MC2-ADB9-951D@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
charset=ISO-8859-1
Content-Disposition: inline

George:

Congratulations on another pelt tonight :-). I forgot where he had been Sunday and wasted about 5 minutes listening on 14060. Finally bagged him=

at 0119 using the SST-20 at 1.6 watts out to the double bazooka up 48'. =

What makes it really tricky for me is not having a RIT on this rig, which= otherwise is a FB setup. Will probably *still* use the little rig during= the Bumblebee outing this Sunday.

72/73,
--W.D. (Doc) Lindsey
DSBF
PO Box 6028
Bismarck, ND 58506
(Shipping =3D DSBF, 2020 Lovett Ave, Bismarck, ND, 58504)
E-Mail =3D K0EVZ@arrl.net

Date: Thu, 27 Jul 2000 22:17:44 EDT
From: Kevin L Anderson <k9iua@juno.com>
To: qrp-l@lehigh.edu
Subject: [76019] FOX: QSB up/down in ND, but got Ron at 0200
Message-ID: <20000727.211608.5367.0.K9IUA@juno.com>

Good Evening, Folks.

Ron's Fox signal was very much up and down tonight as heard in North Dakota. I couldn't hear him at all on my older Ten Tec Century 22 with an end-fed wire. So I went outside to the car and the newer Scout and Hamstick antenna. Could hear him, but at times he was down in the soup. About 0150 he got really loud for about five minutes -- I mean I couldn't believe that it was still the same Fox. But then back into the noise he went again. I gave him a 559 at 0200, but that was bit generous on my part.

Hope you did well tonight, Ron, as you seemed to going steady. Thanks alot!

Cheers/73. Kevin, K9IUA. now situated in ND.
(Bummer, my Windows 3.x computer is putting noise on 20m....)

Kevin Anderson, K9IUA, Lincoln/Bismarck ND
e-mail: K9IUA@juno.com Opinions all my own.

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<http://dl.www.juno.com/get/tagj>.

Date: Thu, 27 Jul 2000 19:27:41 -0700
From: David Shalita <af389@lafn.org>
To: qrp-l@Lehigh.EDU
Cc: Ham-Homebrew@ucsd.edu, david shalita <af389@lafn.org>, dave_shalita@juno.com
Subject: [76020] OT:Need help SB card
Message-ID: <3980EF9D.1C3CB94E@lafn.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi,
This is WAY OFF topic, so PLEASE correspond with me directly
to conserve digest bandwidth. I'll be glad to share results.

I have tried to use the line-in ports of my sound blaster cards,
wiring two different HAM radios to left and right line-in.
Both my SB16 with WIN95 and AWE64 GOLD with WIN98 fail same way.
Left channel seems dead, right channel is OK.

A sepearte test

I wired the HEADPHONE output of a small battery operated
amplifier to the line_in "ring" contact and the amp ground
to the "sleeve" contact, I can record and playback audio
with WIN95/98 Sound Recorder, RIGHT channel I think.

When I connect amplifier to the "tip" contact and amp ground
to "sleeve" contact, no audio is recorded or played back.

Can SB line_in tolerate DC coupling or do I need to AC couple?

Is cable wiring for SB line_in different than I am trying?
I built my own signal splitter cables and these tested ok
when used as headphone cables.

I really need help.
If my mail is bounced at LAFN address, please reply to me at
dave_shalita@juno.com

73, W6MIK
Thank you for any hints,
Dave Shalita

Date: Thu, 27 Jul 2000 22:28:23 EDT
From: N10DL@aol.com

To: qrp-1@lehigh.edu
Subject: [76021] No luck yet here in NH
Message-ID: <2b.8b9e4eb.26b249c7@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

It is now 0225 and I do not hear Ron at all anymore. Guess on Sunday I will stick to using my old favorite OHR400 and the Windom dipole or the R-7 . Still listening but hear nothing but a few CQ's. If he was in Florida tonight I think I would have gotten him. Can't say I didn't try Ron...

Aron
N1ODL
Bedford, NH

Date: Thu, 27 Jul 2000 22:31:39 EDT
From: N1ODL@aol.com
To: qrp-1@lehigh.edu
Subject: [76022] FOX: Lots of DX
Message-ID: <68.5db816e.26b24a8b@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Go figure, now I hear lots of DX around the band. guess I should go get some so I don't get skunked tonight.

Aron
N1ODL
Bedford, NH

Date: Thu, 27 Jul 2000 21:32:36 -0500
From: "Marty Purselley" <brewer@flash.net>
To: <qrp-1@Lehigh.EDU>
Subject: [76023] Wanted DSW kit
Message-ID: <032201bff83c\$183de920\$f654d7d8@mlp>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I am looking for an unbuilt DSW kit-preferably 20 meters, but 40 meters would be OK too (beggars can't be choosy).

Thanks,

Marty AA5UN

Date: Thu, 27 Jul 2000 21:51:25 -0500
From: "Kelly Ellison" <kelman@dialnet.net>
To: <qrp-1@lehigh.edu>
Subject: [76024] WTB: Built K2
Message-ID: <00b001bfff83e\$b9bb8bc0\$d8c9e0d8@pavilion>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello,

As much as I would love to build my own K2, My time is limited to work and family. I wonder if there is anyone with a basic K2 for sale. Will pay kit price plus shipping. Please let me know if there is one available. Email direct.

Thank you,

Kelly Ellison - WB0WQS QRP-L #702

Date: Thu, 27 Jul 2000 21:54:36 -0500 (CDT)
From: "Mark A. Prather" <maprath@prairienet.org>
To: qrp-1@LeHigh.edu
Subject: [76025] WOW!! Thanks for GAP info!!!
Message-ID: <Pine.GS0.4.10.10007272152440.1400-1000000@bluestem>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have been overwhelmed!!!!

Thanks for all the great advice regarding the Titan!!! There are just waaayyy too many to respond to everyone individually...

Plans are to finish the installation weather permitting this weekend.

I'll try to post my impressions next week sometime.

Again, thanks to all!

73,

Mark

* Mark A. Prather - WB9HFK * maprath@prairienet.org *
* QRP-L # 1159 * QRP ARCI # 9472 * mprather@halcomm.com *
* Norcal # 2507 *

Date: Thu, 27 Jul 2000 23:21:37 -0400
From: Ron Majewski <majewski@erim-int.com>
To: qrp-l@lehigh.edu
Subject: [76026] FOX: W8RU Quick Summary
Message-ID: <200007280321.XAA24631@sdag200a>

Hi All-

It was quite an evening here in Michigan. The weather turned stormy around 2200 utc and I posted a note of warning here. Naturally, it bounced. :(

I had to take a 10min break at 0242utc while a thunderstorm passed overhead. I got back on and hung around an extra 10 minutes just in case. The storm and rain drove my noise levels up and I didn't work anyone.

Thank you all very much for a great pair of hunts! More to come tomorrow.

73,

Ron (W8RU).

Date: Thu, 27 Jul 2000 23:20:45 -0400
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: "INTERNET:majewski@erim-int.com" <majewski@erim-int.com>
Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>, QRP-L Discussion Group

<QRP-L@Lehigh.edu>
Subject: [76027] FOX: W8RU Summer Fox on 28 July, 0100utc
Message-ID: <200007272320_MC2-ADA9-EE05@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
charset=ISO-8859-1
Content-Disposition: inline

Ron:

Well thanks for digging me out of the pileup tonight at 0119. Took a while
tonight. Rig was SST-20 @ 1.6 watts to a double bazooka up 48'--and *no*

RIT. Gotta do something about installing a RIT. Otherwise the rig is a
lot of fun, and I plan to use it for the Bumblebee outing this Sunday. =

Sounded like you were really knocking out QSOs right and left. Your signal
ranged from 579 to down into the noise level, but you were a solid 569
during the QSO. It will be interesting to see how tonight's log compares
with last Sunday's :-). =

Many thanks for being a FOX this summer and good luck for future pelts.

72/73,
--W.D. (Doc) Lindsey
DSBF
PO Box 6028
Bismarck, ND 58506
(Shipping =3D DSBF, 2020 Lovett Ave, Bismarck, ND, 58504)
E-Mail =3D K0EVZ@arrl.net

Date: Thu, 27 Jul 2000 20:30:38 -0700
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <qrp-l@Lehigh.EDU>
Subject: [76028] The Fox Hammer Came Down
Message-ID: <003a01bff844\$33d49e60\$87dbfc9e@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Another great hunt, Ron. Sounds like you have a beam or switchable antenna system.

You would go instantly from 339 to 579 at times.

Very happy to have added another (flattened) pelt to the barn door.

Once again, the Hammer Came Down and the Fox was mine.

73, Bob N6WG

GO BIG DAWGS

Date: Thu, 27 Jul 2000 23:41:31 -0400

From: Buck Switzer <n8cqa@tir.com>

To: K4NK@aol.com

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>, n8cqa@tir.com

Subject: [76029] Re: Presidents award QRP ARCI

Message-ID: <398100EB.C838A925@tir.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Les - Thanks for delivering the award. This is the type of good PR we need to pursue.

73 Buck N8CQA

K4NK@aol.com wrote:

> Congratulations to Ed Hare W1RFI on receiving the QRP ARCI Presidents
> Award. I was pleased to honor Ed with this award at the ARRL Board of
> Directors meeting this past weekend. The presentation was also listed in the
> official minutes of the meeting and will be printed in QST.
> The Presidents award is given to those who have consistantly given of
> themselves to the QRP community. Mr. Hare is one of QRP strongest supporters
> and well deserving of the honor.
> I might add that for my part , Ed got out the original Tuna Tin 2 and let
> me touch it and operate as W1AW with it . (WHEW) It was great fun.
>
> Les Shattuck K4NK
> ARRL Vice Director Roanoke Division
> QRP ARCI Past President and Club Historian

Date: Thu, 27 Jul 2000 23:42:27 -0400
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: "INTERNET:majewski@erim-int.com" <:majewski@erim-int.com>
Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>, QRP-L Discussion Group
<QRP-L@Lehigh.edu>
Subject: [76030] QSO - Thanks, Ron :-)
Message-ID: <200007272342_MC2-ADBB-313F@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
charset=ISO-8859-1
Content-Disposition: inline

Ron:

Well thanks for the post-hunt QSO. I was trying to get a solid QSO at 50=
0
mW to a brand new GAP Titan DX vertical. Guess conditions by then were
pretty rough for QRPP, but you were very solid copy in Bismarck. This mu=
st
have been when the QRN had gone up following the thunderstorm there. Than=
ks
for the fox pelt, and for giving it a great try. =

72/73,
--W.D. (Doc) Lindsey
DSBF
PO Box 6028
Bismarck, ND 58506
(Shipping =3D DSBF, 2020 Lovett Ave, Bismarck, ND, 58504)
E-Mail =3D K0EVZ@arrl.net

Date: Thu, 27 Jul 2000 22:09:52 -0500
From: "Preston Buck" <pbuck@flash.net>
To: <qrp-l@Lehigh.EDU>
Subject: [76031] RF Design only \$14
Message-ID: <00d801bff846\$8b928de0\$13fd1ed1@pbuck.infoblvd.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Greetings all,

I just a copy of RF Design by Hayward, W7ZOI from Lindsay's books for \$14

plus shipping.

The website is below and follow the link for discontinued items. Enjoy!

<http://www.lindsaybks.com>

TTFN

Preston, n0g1m, Ellis County Texas

P.S. For anybody that noticed the new signature line. I have made some major changes in my life lately. And all of them have been good. I left my job at Corning, got a new one at 3M where I work from home, moved to Texas (near Dallas) and bought a house and 12 acres (w/ rifle range and no restrictions). I also passed my Extra written along the way. Life is really good. I just need to figure out what I want for antennas (yes plural). I did see an ad at the local ham store (oh yeah!) about a used tower for sale.

Date: Thu, 27 Jul 2000 21:56:57 -0600
From: "Rod, N0RC" <n0rc@qsl.net>
To: qrp-l@Lehigh.EDU
Cc: w1rfi@arrl.net
Subject: [76032] Re: Presidents award QRP ARCI
Message-ID: <20000727215656.A18693@io.frii.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

On Thu, Jul 27, 2000 at 06:38:34PM -0400, K4NK@aol.com wrote:

> Congratulations to Ed Hare W1RFI on receiving the QRP ARCI Presidents
> Award. I was pleased to honor Ed with this award at the ARRL Board of

Allow me to be one of many to pass along my congrats as well. I've seen Ed in action behind the TT2 and in front of a crowd (Atlanticon). Ed's enthusiasm for QRP (and amateur radio) is infectious. He truly is deserving of the award.

ATTA BOY ED!

73, Rod N0RC
Ft Collins, CO

Date: Thu, 27 Jul 2000 22:10:13 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>

To: n1tp@worldnet.att.net, qrp-1@lehigh.edu
Subject: [76033] Re: FOXHUNT SEVEN - Ron, W8RU, in Michigan
Message-ID: <3980B345.31945.1E94B9A@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

>>Now, what about them DAWGS?<<

Have to see the log, I guess, but doubt we had another sweep. Maybe after three in a row we're dog tired....

Marshall Emm, N1FN
Milestone Technologies, Inc.
(303) 752-3382
<http://www.mtechnologies.com>

Date: Thu, 27 Jul 2000 23:11:09 -0500
From: "TC Dufresne" <tdufres@radiks.net>
To: <qrp-1@Lehigh.EDU>
Subject: [76034] Fox Hunting
Message-ID: <012101bff849\$dcccd3400\$87f31dce@server>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well, couldn't resist adding my 2 cents in here. I've never fox hunted before (still not quite sure what it is) but figured what the heck? Tuned in my trusty Drake TX4/R4A and QRP'ed a mite around 0200z, heard CQCQCQ FOX ????? yup, I froze! Didn't hear the call! Felt like a kid getting buck fever! Needless to say, I didn't even get off a shot! But, all was not lost, did copy K0FCG from West Plains, MO and had a FB chat. Will have to try this Fox hunting stuff agn. Now, you say that the fox does not always transmit on the same frequency he is listening in on, right? So when I hear him calling I have to "guess" where HE is listening, right? Hmmm, I think I understand now... (sheepish grin) Well, maybe!

Tom
KC0GXX

Date: Thu, 27 Jul 2000 23:18:48 -0500
From: John Sullivan <kg0mz@swbell.net>

To: qrp-1@lehigh.edu
Subject: [76035] Re: Updated BEE ROSTER
Message-ID: <398109A8.CBD10027@swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

The roster has me listed as #99, Scott, and locates me at Scott Lake, KS.

Instead, I will use my real name, John, and operate from the banks of Tom Scott Lake in Sedgwick County Park which is a reasonable bike ride from my home in Wichita, KS. Not that it really matters. Five watts from anywhere in KS is just that. Except, I don't think there is a Scott Lake, KS. There is a Scott City, a Scott County, a Fort Scott, some Scottish Rites, a lake named after Tom Scott (not that Tom Scott), and the Dred Scott decision, D'oh!. If there is a Scott Lake, KS, I wish the residents of that great town the best, but don't look for me Sunday.

72 de kg0mz

Date: Thu, 27 Jul 2000 21:17:43 PDT
From: paule@sfu.ca
To: qrp-1@Lehigh.EDU
Subject: [76036] K2 presentation materials?
Message-ID: <200007280417.e6S4Hh326083@rm-rstar.sfu.ca>
Content-Type: text/plain
Content-Disposition: inline
Mime-Version: 1.0

Hi Everyone,

I just found out,(from someone who will remain unnamed... to protect the guilty) that I am supposed to give a talk on the K2 this saturday at our local DX2000 convention.

If anyone has any presentation material that is in an emailable form that they wouldn't mind sending me, I would greatly appreciate it. I promise to give plenty of credit to the source.

Thanks in advance.

I am also looking for suggestions as to the appropriate punishment for this unnamed individual who dropped this on me a few minutes ago.

cheers, Paul - VA7NT - email: paule@sfu.ca

Date: Thu, 27 Jul 2000 22:33:03 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: tdufres@radiks.net, qrp-1@lehigh.edu
Subject: [76037] Re: Fox Hunting
Message-ID: <3980B89F.21661.1FE325F@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Tom said--

>>So

when I hear him calling I have to "guess" where HE is listening, right?<<

Sort of-- but it's not a matter of guessing. What happens is, especially early in the hunt, there are close to a hundred stations calling this poor guy and it is quite a pileup. So he will use his RIT or other technique to listen at the edges of the "pack" where he can pick out individual stations.

What you do is use tune your VFO to the station the fox is working, and use your own RIT to find the Fox again. Then when he's done you can call on the same frequency as the last guy he worked, improving the odds of his hearing you. Of course a whole bunch of other guys have figured that out, so there's a good chance the Fox will listen a little farther away, or back closer to his own transmitting frequency. That's what makes the hunts fun, the challenge of figuring out how to work each fox (and they all have different styles).

Try it again on Sunday, and if you work out where he's listening, or his pattern, you can be pretty sure to hang a fox pelt on your wall.

Marshall Emm, N1FN
Milestone Technologies, Inc.
(303) 752-3382
<http://www.mtechnologies.com>

Date: Fri, 28 Jul 2000 00:30:17 EDT

From: W1R0@aol.com
To: ac7a@gci-net.com, qrp-1@lehigh.edu
Subject: [76038] Re: Ft. Tuthill Portable
Message-ID: <b4.8a1a405.26b26659@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Can't make Ft. Tuthill but will be QRP from Mt Charleston outside of Las Vegas at about 6500 foot elevation. Will run an Argonaut II to a Kids Slinky vertical from the campground will look for AC7A and others

73

Jim

Lost in Vegas

Date: Thu, 27 Jul 2000 23:19:42 -0500
From: Todd Enders <enders@bolshoi.cc.misu.nodak.edu>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [76039] FOX: Tough Hunt
Message-ID: <200007280419.AA00596@bolshoi.cc.misu.nodak.edu>
Content-Type: text/plain
Mime-Version: 1.0 (NeXT Mail 4.2mach_patches v148.2)

20 was really wild tonight, that's for sure. Knew I was in trouble when I had to snap the 100 Hz filter in on the R-390A to keep Ron solid copy. Up and down he went. Lost him completely for a good 15-20 min. Plenty of hounds, but I would hear different parts of the pack from minute to minute. 1s and 2s would be S9, then disappear, only to be replaced by 5s at the same level, then 6s, then almost nothing, then Ron pops back out of the noise, and on and on. Almost pulled the plug. Would also get other QSOs on top of the pile, including an LU.

Figured my 250 mW was seriously under-gunned this time, but I stuck with it. Nicked him at about 0230, but he couldn't pull me out of the background. Finally brought him to bag at 0237. I really appreciate Ron's patience in getting me in the log! :-)

72/73,

Todd, AGOT
QRP-L #2211, ND

Date: Fri, 28 Jul 2000 00:38:42 EDT
From: K5KW@aol.com
To: qrp-1@lehigh.edu
Subject: [76040] QRP ARCI President's Award Honors W1RFI
Message-ID: <22.914865c.26b26852@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Ed, a public congratulations! Can't think of anyone more deserving.

To give you folks who haven't met Ed an idea of what kind of guy he is, a quick story. Several years ago my son Scott, K2PBJ, and I visited ARRL HQ and got the usual, and interesting, guided tour. When we got to the lab, we were introduced to Ed and others. My son mentioned that he was having a problem with RF from his HF rig activating his fire alarm dial-up system. Ed, known for his expertise with RFI problems, dropped what he was doing and offered several solutions to the problem. Then, he reached in a box and handed Scott a pair of toroids with which to accomplish the procedure he had outlined. Even though we both got to operate under the W1AW call sign while at HQ, we have spoken far more often about Ed's courtesy than getting to sign W1AW!

72, and a big Attaboy Ed !!

Don, K5KW

"From Meadowlark Aerodrome on the rippling shores of Lake Eva, in the heart of the Morris-Boynton metroplex of east central Oklahoma, where every day is CAVU".

Date: Thu, 27 Jul 2000 21:37:48 +0100
From: Chuck Adams <k7qo@primenet.com>
To: qrp-1@lehigh.edu
Subject: [76041] Fox Hunting Tips
Message-ID: <4.3.2.7.0.20000727212529.00a9c410@pop.primenet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Gang,

Here are a few tips for those that have yet to work the foxii.

1. Listen, listen, listen, and listen some more. Get a feel for how the others are having success at working the fox.
2. Read from cover to cover the book -- "The Complete DX'er" by Bob Locher, W9KNI The same techniques will help you work the fox.
3. Go back through the QRP-L Archives (tm) and look at the past six years of valuable information on the 40meter version of the fox hunts.
4. Get the best antenna system you can get.
5. Listen, listen, listen, and listen some more.

I look out the window that is just a few centimeters above the operating desk in the new shack on the second floor of the new QTH. :-) I see road runners (tm), rabbits, quail, dove, and other critters running across the acres to the north. Haven't seen the real fox yet.

But I have worked the last three on 20m, since that is all the long that I have had the antenna up. Vee beam 40 meters per leg with some slope. 6 countries and 3 fox in the last 10 days. Not a bad start with only 1/2 a watt. I can't tell you what the antenna cost. :-) ; -)

Oh, did I mention to listen? I know you heard me.

Thanks to NW7DX who was on the ball at 0100.... :-)

dit dit

P.S. See ya at Tuthill starting tomorrow. Watch for digital pics on the web <http://www.qsl.net/k7qo> starting late tomorrow night. I'll try to get some pics of gang that is there and post them late when I get back from the 120km drive each way.

Date: Fri, 28 Jul 2000 03:08:11 EDT
From: DYARNES@aol.com
To: qrp-l@lehigh.edu
Subject: [76042] Ft. Tuthill

Message-ID: <aa.86a871d.26b28b5b@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I got here about 6 p.m. Thursday evening, but the party was already well under way! Doug's here--Jaybob's here--Wayne and Eric are here, and so is the K1!!! That is one great little rig. I'm sure glad I'm on the list. I also saw the prototype for the built in antenna tuner option. Another winner.

Things start officially tomorrow, but you really want to get here earlier if you can. Show and tell going on all over the place. The campground is filling up!

If you are within 500 miles, get your shoes on and hit the road to Flagstaff. This is going to be another great year here at Ft. Tuthill.

72 de Dave W7AQK

Date: Fri, 28 Jul 2000 06:49:12 -0400
From: "Ken Simpson" <W8EK@fdt.net>
To: "QRP List" <qrp-l@lehigh.edu>
Subject: [76043] Free memory and a request
Message-ID: <009901bfff881\$784942c0\$86edfea9@kensimps>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Memory at no cost (the kind for a computer -- not the kind for between the ears, although some of us might be able to use that kind also). That means F R E E memory, but the listserv program will not let me put that word in the first line:

Any one building a computer for PSK31 or packet or ??? and need some 30 pin memory SIMMs? I have found that I have far more than I can use, and will offer them FREE to those on this list. I do ask that you pay for the shipping.

I have some 1 Meg and a few 256K. Most are in sets of four. Some are 3 chip, and some are 9 chip. Some 70 nsec, and some 80 nsec. Maybe even some that are slower. If you know what you need, I will try to accommodate you as best I can. Limit of 8 SIMMs of each type (1 Meg or 256 K) per person, unless you can give me a very good reason why you need more.

The request:

I am trying to upgrade and add some additional computers at my son's (KC8IOY) school. I am in need of hard drives in the 2.1 Gig range, and also 32 Meg 72 pin SIMMs, although I could use a few 16 Meg. I could also use a few Pentium type CPUs in the 133 MHz range (or up, of course). I don't expect these for free (although that would be nice, and we could provide a letter for a tax donation, as the school is 501(c)3 for IRS purposes), but would pay a reasonable amount.

Since the enrollment has increased, in addition to upgrading the existing PCs, I am trying to add a few (5) more so that each student will be able to have one, instead of needing to share. I am trying to do this with "used" parts to keep the cost down, and also keep them compatible with the 133 to 166 MHz Pentiums that the others will be using. Thanks for your help.

Thanks,

73/72,

Ken, W8EK

Ken Simpson

E-Mail to W8EK@fdt.net or W8EK@juno.com

Voice Phone (352) 732-8400

Date: Fri, 28 Jul 2000 07:01:15 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <paule@sfu.ca>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [76044] Re: K2 presentation materials?
Message-ID: <003101bfff883\$325070c0\$0600a8c0@dad>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

If it were me...

For a start, I'd go to the K2 pages on the Elecraft web page and download everything as a start.

You could use the 'comparison' charts to other radios as well

as the description sheets. You could make up transparencies of these as well for an overhead if you're going to use that.

Then I'd take some of the construction photos and some of the pages of the theory of operation from the manual.

Just as a start!

Mike N1DVJ
K2# 1058

> Hi Everyone,
>
> I just found out,(from someone who will remain unnamed... to protect
> the guilty) that I am supposed to give a talk on the K2 this saturday
> at our local DX2000 convention.
>
> If anyone has any presentation material that is in an emailable form that
> they wouldn't mind sending me, I would greatly appreciate it. I promise
> to give plenty of credit to the source.
>
> Thanks in advance.
>
> I am also looking for suggestions as to the appropriate punishment for
> this unnamed individual who dropped this on me a few minutes ago.
>
> cheers, Paul - VA7NT - email: paule@sfu.ca
>
>
>
>

Date: Fri, 28 Jul 2000 12:04:28 -0400
From: Richard Arland <k7sz@epix.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [76045] QRP ARCI President's Award Honors W1RFI
Message-ID: <3981AF0C.919D95D8@epix.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

CONGRATULATIONS, Ed!!!

This is a well monumental award. And, it couldn't have gone to a more deserving individual.

I first met Ed about 10 years ago and he left a lasting impression upon me. Ed's technical expertise is second to none. He is a "doer" not a "follower" and the League and QRP Community can be thankful for that. The one thing that has impressed me about Ed is that he is "one of the good guys". Always willing to discuss a technical problem or offer an insider opinion about what's going on in ham radio.

In reality, his Deathmobile isn't all that bad, if you can get use to watching the little white lines in the road zip by through the floor boards!!

Ed....you done good, son.

73 Rich K7SZ

t

Date: Fri, 28 Jul 2000 08:36:05 -0400
From: David Hinerman <dlh1009@ritvax.isc.rit.edu>
To: qrp-l <qrp-l@Lehigh.EDU>
Subject: [76046] more varactor questions
Message-ID: <006901bfff890\$6879e020\$2d0a05cc@rochester.com>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Folks,

It's that guy again - the one with the questions...

I've seen designs that use a regular silicon diode (like a 1N914 or a 1N4001) as a varactor. What kind of capacitance could one expect from these devices?

Dave

David Hinerman WD8CIV
Ontario, NY Grid FN13IF
dlh1009@rit.edu

Date: Fri, 28 Jul 2000 08:41:52 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <cbailey@wjt1.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [76047] Re: HOA's and antennas.....
Message-ID: <010801bff892\$b0a3c620\$2101a8c0@insydesw.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hmm, you know, it's EDUCATION!! Not to say you SHOULD cause a problem, but if you're squeaky clean, and cause interference to say TVs, lamps, and phones, then start educating people how well an antenna performs when it's 'stealth' to comply with the rules, and well it would perform up on a tower overhead, with LESS radiated signal into their apartments.

Hmm, when I was in a complex about 20 years ago in Texas, they had a HUGE TV tower. 6 foot spread base. About 80 feet I think, free standing. OK, I don't recall how big exactly, but it was TALL!! Once they got cable TV, it was unused.

Anyway, when they found out I had put a HAM antenna up 'stealthy', they offered to let me move to the first free apartment under the tower without a 'moving fee' and I could use the tower.

You never know...

Mike

> Congratulations!
>
> I am keeping an eye on legislation to help someday. It worked for the
> digital satellite dish companies (bigger lobby than the antenna
> manufacturers).
>
> Until then, infiltration is the key for me. I am now president of our
HOA.
> I recruited another ham who has a vertical planted only 3 feet from
the side
> of
> his house and he is VP. In our CC&R it states, "No antennas
permitted."
> Also, to change the CC&R, it will take 100% consensus of the owners
> to change an existing restriction. :(
>

> Last resort of course is to move. (Not likely.)
>
> Too bad touch lamps and light dimmers aren't banned!!!
>
> 72, kt3a cam
>
>
> ----- Original Message -----
> From: <GElam30092@aol.com>
> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Sent: Thursday, 27 July, 2000 00:31
> Subject: HOA's and antennas.....
>
>
> > Some of you might remember an article that I offered to the list
regarding
> > HOA, the FCC's position, antennas and restrictions. I sent that
article
> to
> > my HOA which was presented to the board along with a request to be
able to
> > set up a mast when operating. The actual meeting occurred when I
was on
> > vacation earlier this month.
> >
> > About two weeks ago, there was a letter from the mgt. company. It
stated
> > that the board hadn't made a decision and wanted to see me at the
next
> > meeting which was July 26. Uh oh..... run around time so I
thought.
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> > So, on top of putting together the noise kits, getting ready for
Tuthill,
> > etc, I had a board meeting to attend.
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> > Took my expandable mast and daughter to the meeting. My daughter,
Robyn,
> > said that she knew one of the men that was there. Seems that this
guy and
> my
> > daughter's mother went to high school together and this guy's wife
is
> > president of the HOA board. I could see that this was going to be
good.
> > Both of them commented on how good my daughter dances too. Yep...
in the
> > bag.

> >
> > I was the first up. Showed them the mast, answered a couple of
basic
> > questions on its support (none), hours of operation (not a lot but
when I
> > feel like it), interference (none for the most part), etc. and a
motion
> was
> > made to approve it. It passed 5-0!!!!
> >
> > So, I now have permission to put up a 33-ft. antenna when
operating.....
> > that's a good thing. No restrictions on time or power although they
> expect
> > me to keep it around 5 W which I'll try to do as a good faith
effort.
> >
> > 73's
> > Gerry Elam, K7LR0
> > PHX AZ
> >
>
>

Date: Fri, 28 Jul 2000 08:53:33 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <af389@lafn.org>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [76048] Re: OT:Need help SB card
Message-ID: <010f01bfff892\$e0682ae0\$2101a8c0@insydesw.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well, first thing... Unless it was absolutely necessary, I would ALWAYS
AC couple anything I hooked to my computer sound system!

As to loosing a channel... I've seen a lot of the boards coming through
with a different connector scheme. On the CD-ROMS for example,
it was always RGGL on the 4 pin. But on the sound boards with the
little white plastic connector it was RGLG. However, if your sound
board uses a header, they seem to go back to RGGL.

To further complicate this, the newest system I just got about a week
ago list the AUX audio in as LGGR, and the CD as RGLG, but in

actual fact the CD is RGGL.

Hooking to this wrong kills the one channel. And I suppose it could kill other channels depending on how the mixer works.

It was tough to spot at first, as my new sound system has this 3-D spatial effects, and both channels come out both speakers. It wasn't until I turned them off that I realized one input was dead, went looking, and discovered the connector documentation was wrong.

Mike

----- Original Message -----

From: David Shalita <af389@lafn.org>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Sent: Thursday, July 27, 2000 10:27 PM

Subject: OT:Need help SB card

> Hi,
> This is WAY OFF topic, so PLEASE correspond with me directly
> to conserve digest bandwidth. I'll be glad to share results.
>
> I have tried to use the line-in ports of my sound blaster cards,
> wiring two different HAM radios to left and right line-in.
> Both my SB16 with WIN95 and AWE64 GOLD with WIN98 fail same way.
> Left channel seems dead, right channel is OK.
>
> A seperate test
> -----
> I wired the HEADPHONE output of a small battery operated
> amplifier to the line_in "ring" contact and the amp ground
> to the "sleeve" contact, I can record and playback audio
> with WIN95/98 Sound Recorder, RIGHT channel I think.
>
> When I connect amplifier to the "tip" contact and amp ground
> to "sleeve" contact, no audio is recorded or played back.
>
> Can SB line_in tolerate DC coupling or do I need to AC couple?
>
> Is cable wiring for SB line_in different than I am trying?
> I built my own signal splitter cables and these tested ok
> when used as headphone cables.

>
> I really need help.
> If my mail is bounced at LAFN address, please reply to me at
> dave_shalita@juno.com
>
> 73, W6MIK
> Thank you for any hints,
> Dave Shalita
>

Date: Fri, 28 Jul 2000 09:12:48 -0400
From: "David Maliniak" <dmaliniak@verticalnet.com>
To: <qrp-l@lehigh.edu>
Subject: [76049] FS: NC20... no longer
Message-ID: <000b01bff895\$877e9a60\$1c01a8c0@vertical.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The NorCal 20 posted for sale yesterday is spoken for. Went in minutes.

72,
David N2SMH
Glen Rock, NJ

Date: Fri, 28 Jul 2000 09:21:47 -0400
From: "Hare, Ed, W1RFI" <w1rfi@arrl.org>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [76050] RE: HOA's and antennas.....
Message-ID: <125490A005E3D3118C9C00805FC743CCB2C1E3@mail.arrl.org>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"

Many RFI cases are really tower cases in disguise. After all, QRPers don't have much RFI. (I have zero reported cases from my 10 milliwatt operation!)

The following may be good resources for those having a problem:

<http://www.arrl.org/tis/info/rfigen.html> - ARRL RFI home page
http://www.fcc.gov/cib/Public_Notices/heee1.html - FCC info

http://204.245.190.45/tech_ed_and_training/resources/67-12005.cfm - Neighbor pamphlet
<http://www.arrl.org/field/regulations/rfi-legal/> - RFI and local law
<http://www.arrl.org/field/regulations/local/prb-1.html> - PRB-1 tower ordinance
http://www.arrl.org/field/regulations/local/prb-1_program.html#private - Covenants and deed restrictions
<http://www.arrl.org/field/regulations/local/vci.html> - How to find a qualified attorney

Any ham who is having an actual problem with local ordinances and towers or CC&Rs (deed restrictions) should contact John Hennessee, N1KB@arrl.org, for assistance.

73,
Ed Hare, W1RFI
ARRL Laboratory Supervisor
225 Main St
Newington, CT 06111
Tel: 860-594-0318
FAX: 860-594-0259
Internet: w1rfi@arrl.org
ARRL Web: <http://www.arrl.org>
ARRL Technical Information Service: <http://www.arrl.org/tis/>

> -----Original Message-----

> From: Mike Yetzko [mailto:myetzko@insydesw.com]

> Sent: Friday, July 28, 2000 8:42 AM

> To: Low Power Amateur Radio Discussion

> Subject: Re: HOA's and antennas.....

>

>

> Hmm, you know, it's EDUCATION!! Not to say you SHOULD cause
> a problem, but if you're squeaky clean, and cause interference to say
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> > >
> > > 73's
> > > Gerry Elam, K7LR0
> > > PHX AZ

> > >
> >
> >
>

Date: Fri, 28 Jul 2000 09:28:09 -0400
From: JP <jdanter@mail.i-america.net>
To: qrp-1@Lehigh.EDU
Subject: [76051] ANT:4 cond.rotor wire
Message-ID: <39818A69.7B95B1BE@mail.i-america.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Trying to locate an article on a 4 cond.rotor wire multiband ant.
Not sure if it was in print, or on the reflector.
Any info 'preciated.
Thanks,
KF4VOP
Jamie Danter
Troutman NC

Date: Fri, 28 Jul 2000 09:51:31 -0400
From: "Hare, Ed, W1RFI" <w1rfi@arrl.org>
To: "'K4NK@aol.com'" <K4NK@aol.com>, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Cc: "Lindquist, Rick, N1RL" <rlindquist@arrl.org>
Subject: [76052] RE: Presidents award QRP ARCI
Message-ID: <125490A005E3D3118C9C00805FC743CCB2C1E4@mail.arrl.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Hello, Les and friends,

I gotta' tell you, it is a rare day that someone manages to pull a surprise on me! Just as an example, almost three years ago, all of my friends and family thought they were giving me a surprise birthday party. I even flew my sister in from the West Coast, drove my daughter down from Boston and watched as everybody scrambled to trick me out of the house. I left, of course, and came back from my errand as everybody yelled, "Surprise!" I then said that, yes, it was a surprise, but not the one they thought. Ten minutes later, the Justice of the Peace completed my marriage ceremony, surrounded by my astounded friends. :-) My next door neighbor told me that

he was going to get even with me for this. I looked him right in the eye and said with confidence that there was no topping this one. He looked at me for a few seconds and quickly capitulated, knowing that he was in the presence of the Master. :-)

What is especially important for QRP, I think, is that the ARRL Board agreed to allow Les to present this award at the ARRL Board meeting! I can hardly have thought of a better way to bring QRP to the front stage than this. The Board has always known that there are many good things about QRP, and that the QRP community is among the more active and supportive of Amateur Radio (and ARRL). The award does show that there is real appreciation by the community for things done for the greater good of QRP. I will add that I asked Dave Sumner in the hall if he remembered a time when an award from another organization was presented to an ARRL staffer at the Board meeting. He can't say it never happened, but not to his knowledge. I think this shows us that QRP and appreciation and enthusiasm are important to the ARRL Board of Directors. I will add that this award and the decision to have the ARRL Membership Services Committee *study* the issue of QRP DXCC were really not related.

Now, speaking personally, once I got over the surprise (and came to terms with the realization that the Master had been beaten at his own game), this award means a lot to me. The things I do for QRP are mostly personal, although my professional work does occasionally benefit QRP, of course. It is "my" part of the hobby and as a ham, I enjoy what I do. Like MANY others in this facet of ham radio, I give of myself to those around me, and accept that those around me give of themselves to me. It is just part of what makes ham radio what it is and what has kept it alive through the decades, in spite of government edicts and spectrum pressures. In my travels, I have seen caring and giving hams worldwide and if every ham who deserved an award for what he or she has done for others got one, there would be a lot of awards out there. In the *reward* of the self-satisfaction that one ham gets by helping another, there are a lot of rewards out there, and, as much as the recognition does mean to me, the knowledge that ham radio will be a bit better than it otherwise might have been means even more.

In being honored this way, I feel that I am just the junior member in an exclusive gathering of hams who have given of themselves to the QRP community, sometimes for decades. I really feel that I was just the guy in the right place at the right time who happened to see an opportunity for hams to have fun and took it, when I found that Tuna Tin 2 in the box o' junque. Even the certificate I was given admits, "He says is just having fun!" I feel it is true, and that any ham who found him or herself in the time and place I did would have done the same thing. The certificate I was given calls me a "Super QRP Elmer," and I suppose I have done a bit of Elmering in my time, but it is a certificate that really honors QRP and Elmering.

I have learned that this was to have been given to me at Dayton, but, seeing as I was unable to make it this year, it got delayed. Perhaps the magic that has been associated with the Tuna Tin 2, from its inception in the 1970s to its being found under such mysterious circumstances in the 1990s to the fact that it is still inspiring hams to have fun in the 21st century was still at work. After all, the ARRL Board got a glimpse of QRP right up front and personal. Seeing Les and Bernie Fuller, N3EFN (another avid QRP'er) and several other Board members getting all excited about QRP was a Good Thing. Joel Harrison, First Vice President, told me that if we do another W1FB event, he wants "in." Maybe next year for the Sunday after the ARRL Board meeting might be a good time. :-)

Anyway, as usual, I am rambling, so let me unramble and extend my hearty thanks to those who helped make this happen for QRP, and for me. It is another example to me about why this group and facet of ham radio is the best of the best and that there are much more important things in ham radio than the issues of restructuring and code tests and the things that have diverted our attention from "real" ham radio.

For those that want to see it, I have put a copy of the certificate on:

<http://www.arrl.org/~ehare/qrp/qrpaward.jpg>

73, and thanks again,
Ed Hare, W1RFI

> -----Original Message-----

> From: K4NK@aol.com [mailto:K4NK@aol.com]

> Sent: Thursday, July 27, 2000 6:39 PM

> To: Low Power Amateur Radio Discussion

> Subject: Presidents award QRP ARCI

>

>

> Congratulations to Ed Hare W1RFI on receiving the QRP

> ARCI Presidents

> Award. I was pleased to honor Ed with this award at the ARRL Board of

> Directors meeting this past weekend. The presentation was

> also listed in the

> official minutes of the meeting and will be printed in QST.

> The Presidents award is given to those who have

> consistantly given of

> themselves to the QRP community. Mr. Hare is one of QRP

> strongest supporters

> and well deserving of the honor.

> I might add that for my part , Ed got out the original

> Tuna Tin 2 and let

> me touch it and operate as W1AW with it . (WHEW) It was great fun.

>

> Les Shattuck K4NK
> ARRL Vice Director Roanoke Division
> QRP ARCI Past President and Club Historian
>

Date: Fri, 28 Jul 2000 09:54:51 -0400
From: Ken Newman <N2CQ@citnet.com>
To: epaqrp-l@lehigh.edu, QRP-L@lehigh.edu, njqrp@njqrp.org
Subject: [76053] CONTEST: IOTA Contest 7/29-30
Message-ID: <3.0.6.32.20000728095451.0098d370@mail.citnet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Sorry folks but I missed this popular contest for the "QRP Contest Calendar".
de N2CQ

+++++
The Ohio/Penn DX PacketCluster
Special DX Bulletin No. 471.1
BID: \$OPDX.471.1
July 27, 2000
Editor Tedd Mirgliotta, KB8NW
Provided by BARF-80 BBS Cleveland, Ohio
Online at 440-237-8208 28.8k-1200 Baud 8/N/1

Thanks to the Northern Ohio Amateur Radio Society, Northern Ohio DX
Association, Ohio/Penn PacketCluster Network and Lee Volante, G0MTN,
for the following special DX information.

From: "Lee Volante" <lee@g0mtn.freemove.co.uk>
Subject: RSGB IOTA Contest 2000 - 29 / 30 July
Date: Sat, 22 Jul 2000 13:08:40 +0100

Hello,
I'd like to remind you that the RSGB's most popular contest, the Islands on
the Air Contest, takes place on 29/30 July from 1200Z till 1200Z.

The object of the contest is to promote contacts between stations in
qualifying Island groups and the rest of the world and to encourage
expeditions to IOTA Islands. Many IOTA Islands are very accessible and it is
relatively easy for small groups of amateurs or individuals to mount Island
expeditions for the contest.

Exchange - report, serial, and IOTA reference (if appropriate)

Bands: 3.5 -> 28 MHz

Categories:

Island Single Op 12 Hr (Mixed, Phone or CW)
Island Single Op 24 Hr (Mixed, Phone or CW)
World Single Op 12 Hr (Mixed, Phone or CW)
World Single Op 24 Hr (Mixed, Phone or CW)
Island Multi Op (mixed mode only)

There is no world multi-op section.

Sections: IOTA Island permanent station, IOTA Island DXpedition, IOTA
Island 100w DXpedition, World, SWL.

You can find the full rules on the RSGB HF Contests' Committee website at
<http://www.g4tsh.demon.co.uk/HFCC/Rules-2000/iota.htm>

The contest in the last few years has attracted around 1000 entrants, the
leaders making around 3000 QSOs in the 24 hours. The increased activity
has also meant it is possible to work the 100 different IOTA references
needed for the basic award in a single weekend. See
<http://www.rsgbiota.org> for more details.

Also in the separate IOTA Millenium award scheme many European islands
count for premium points in July which will aid chasing of the certificates
available. See <http://www.cdxc.org.uk/iota2000.htm> for more details here.

Entrants may wish to know that a purpose written IOTA Contest logging
program, which produces a correctly scored and formatted log, is available
as freeware. This is SDI (Super Duper for IOTA) by Paul EI5DI - it can be
downloaded from EI5DI's website at www.ei5di.com

Please send in any photographs and stories you have from your IOTA contest
activities with your contest entry.

73,

Lee G0MTN
Birmingham UK
g0mtn@qsl.net

72 de

Ken Newman - N2CQ
Woodbury, NJ
N2CQ@ARRL.NET

== QRP CONTEST CALENDAR ==
<http://www.njqrp.org/data/contesting.html>

Date: Fri, 28 Jul 2000 07:38:24 -0700
From: "Ron Giuntini" <rong@slip.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [76054] Need front panel
Message-ID: <007501bff8a1\$7d5356a0\$4d10b9d8@rongiuntini>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I got two back panels for the SMK-1 enclosure kit. Does anybody have an extra front (three hole) panel? I tried emailing N2APB but apparently he is not reading his email. Any ideas?

Date: Fri, 28 Jul 2000 08:42:32 -0600 (MDT)
From: "Paul Harden, NA5N" <na5n@rt66.com>
To: David Hinerman <dlh1009@ritvax.isc.rit.edu>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [76055] Re: more varactor questions
Message-ID: <Pine.SUN.4.10.10007280836420.1405-100000@shell.rt66.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 28 Jul 2000, David Hinerman wrote:

> I've seen designs that use a regular silicon diode (like a 1N914 or a
> 1N4001) as a varactor. What kind of capacitance could one expect from these
> devices?
>
> Dave

Dave and others,
The best cheapie diode to use as a "poor man's" varactor is the 1N4004. It has about 32pF of capacitance at 0V, decreases fairly linearly to about 6-7VDC, and fairly good Q. The other diodes mentioned, such as the 1N4001 and 1N914, have about 20-25pF max. capacitance. However, I have seen wild variations in the capacitances with 1N914/1N4148 general purpose diodes and wouldn't recommend those unless you have the means to measure the actual capacitance vs. voltage.

72, Paul NA5N

Date: Fri, 28 Jul 2000 10:44:34 -0400
From: David Hinerman <dlh1009@ritvax.isc.rit.edu>
To: qrp-l <qrp-l@Lehigh.EDU>
Subject: [76056] Re: more varactor questions
Message-ID: <008a01bff8a2\$5952eb20\$2d0a05cc@rochester.com>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

> The best cheapie diode to use as a "poor man's" varactor is the
> 1N4004. It has about 32pF of capacitance at 0V, decreases
> fairly linearly to about 6-7VDC, and fairly good Q. The other
> diodes mentioned, such as the 1N4001 and 1N914, have about
> 20-25pF max. capacitance. However, I have seen wild variations
> in the capacitances with 1N914/1N4148 general purpose diodes
> and wouldn't recommend those unless you have the means to measure
> the actual capacitance vs. voltage.

Paul,

Thanks! I have a pile of 1N4004s, but I haven't been having a lot of luck getting them to tune anything. I'll go back over my circuit. I'm trying to make a fairly wide-range VHF VCO (along the lines of that used in the Rainbow Antenna Analyzer project on the NJQRP Web site) and just can't get it to cooperate.

Dave

Date: Fri, 28 Jul 2000 07:52:14 -0700
From: Phil Wheeler <w7ox@earthlink.net>
To: jdanter@mail.i-america.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [76057] Re: ANT:4 cond.rotor wire
Message-ID: <39819E1E.8D5740D9@earthlink.net>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Sounds like the NorCal doublet. I'll see if I have a message on it.

Here is a message re it:

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of
Doug Hendricks
Sent: Monday, February 07, 2000 12:40 PM
To: Low Power Amateur Radio Discussion
Subject: Details of NorCal Doublet Ribbon Cable Antenna

Several have requested details of how I use computer ribbon cable as a feedline. I will attempt to answer it here.

The antenna is made from a 50 ft. long piece of standard gray computer ribbon cable. First I separate two of the conductors from the main piece.

Next I measure 26 ft. and mark with a pen or marker. Then, I take a small

fishing snap swivel, put a nylon cable tie through the the eye of the swivel, and then tighten it around the two strands of computer cable at the

26 ft. mark. Then, I split the 26 ft. section of cable into single strands,

and I am finished. I have a "NorCal Ribbon Cable Doublet" with two legs,

26' long, and fed with 24 feet of 2 conductor ribbon cable as a feedline. I

feed it to my ZM-2 tuner, and am able to operate 10-40 meters. The brass

snap swivel acts as a center support. I use a SD-20 Fiberglass fishing pole

as a support. This antenna works very well with that setup, as it is so light. Every other feedline that I have tried bends the top section of the

fiberglass pole over much too far for my taste. (i.e. I am afraid it will

break, grin.) I have not tried the twisted wires that Ed suggested, but I

would imagine that they would work just fine.

You may order 100 ft. reels of computer ribbon cable from Mouser. A 100ft.

reel of 10 conductor ribbon cable is \$13.95. Mouser part # 517-3365/10. That would make 20 NorCal Doublet antennas!! at a cost of about 70 cents

each. Buy a reel, make several and give them away to your friends if you like the antenna.

Ed Loranger also suggests that using 4 conductors of ribbon cable to make the antenna feedline works better (he tested it and got very good results).

To make this version, peel off 4 conductors 50' long, and mark at 26' as before. The only difference is that you will use only the outer two conductors as the legs of the dipole. Cut out the 26 ft. of the two inner conductors, but leave all 4 for the feedline. Use only the outer two conductors as feedline and legs of the dipole. The center two conductors are used only as spacers.

Build the antenna, try it out, and report to the group how it works. Test

it in a real world situation. It has worked very well for me and others have reported success with it. Remember, though, that this antenna is designed for portable, casual operation. It is designed to be very, very light for a reason. It has worked very well for me and satisfies my criteria of light, cheap, simple, and goes up and down easily and quickly. 72, Doug

JP wrote:

>
> Trying to locate an article on a 4 cond.rotor wire multiband ant.
> Not sure if it was in print, or on the reflector.
> Any info 'preciated.
> Thanks,
> KF4VOP
> Jamie Danter
> Troutman NC

Date: Fri, 28 Jul 2000 08:06:06 -0700
From: Radman <radman@best.com>
To: "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Subject: [76058] FS: HW-7 - hot deal!
Message-ID: <01BFF86B.71206200@radman.vip.best.com>

Gang,

FS: a hotter deal on this HW-7...

I'll include an *original* Heath HW-7 manual plus the GQRP club HW-7 mod sheets (8 pages) - describing RIT mods, sidetone mod, break-in mod - with schematics. Also included: a new pair of finals - as spares.

Description -- Heath HW-7. 40,20,15m QRP transceiver. Nearly a 7.0 on the 10-scale. Electro-mechanically *very* sound - air variables/dial/switches are near-perfect. SO-239 mod - no other apparent mods. Case & front panel are decent - a few chips & needs cleaning. Powers-up but needs to be gone thru & aligned. It's fully complete - nothing missing. Just needs a going thru :) Shipped US Priority for \$69.

73,

Conrad Weiss - NN6CW

Date: Fri, 28 Jul 2000 10:10:44 -0500
From: Robert McAtee <w5tnj@camalott.com>
To: qrp-l@Lehigh.EDU
Subject: [76059] Tunnel diode
Message-ID: <3.0.3.32.20000728101044.007cbd80@mail.camalott.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Bill I set up a tunnel diode circuit, probably just a resistor a power, and a milliamp meter on a work bench in my garage. Discovered that from about 10 feet away I could strike a pair of pliers with a scew driver and trigger it so the meter would read xx milliamps. Real facinating device. I figured it had completely dissipeared from the solid state scene. Thanks for the URL.

Date: Fri, 28 Jul 2000 10:45:47 -0500
From: "George , W5YR" <w5yr@att.net>
To: jdanter@mail.i-america.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [76060] Re: ANT:4 cond.rotor wire
Message-ID: <3981AAAB.C2E23509@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I think that you can save a lot of time and effort by dropping your search.

With 4 wires so close to each other, formula lengths are not within a country mile of what you need for each band. Takes a large amount of cut and try to bring resonances where you want them. Multi-dipole antennas, fed by a common coax, work well but usually only when they are made of separate dipoles well separated from each other.

There is just little or no merit starting with 4-conductor cable to make a multi-dipole. They are a bear to adjust - if ever - and what you do to one element affects all the others, so it becomes an endless circle of prune and test, etc. Since wire cannot be stretched, your only tuning technique is cutting things off and there is a limit to this approach.

But, if you are going to use a tuner and don't have much coax in the line, then the lengths are not that critical.

72/73, George W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE Dallas in Collin county QRP-L 1373
Amateur Radio W5YR, in the 54th year and it just keeps getting better!
R/C since 1964 - AMA 98452 RVing since 1972 Kachina #91900556
(12/99)

JP wrote:

>
> Trying to locate an article on a 4 cond.rotor wire multiband ant.
> Not sure if it was in print, or on the reflector.
> Any info 'preciated.
> Thanks,
> KF4VOP
> Jamie Danter
> Troutman NC

--

Date: Fri, 28 Jul 2000 08:52:21 -0700
From: "Coote, Jay" <JCoote@ci.arcadia.ca.us>
To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>
Subject: [76061] Norcal "Buzznot" question
Message-ID: <131CE266CAD0D211B3550008C7C9A2D51CBC82@arcadia-pd1.arcadiapd.com>
MIME-Version: 1.0
Content-Type: text/plain

Does anyone know if the Norcal buzznot noise blanker kit will work in other monoband CW-QRP transceivers besides the NC40A or SST?

Thanks.

Date: Fri, 28 Jul 2000 09:06:21 -0700 (MST)
From: Michael Connor <mikec@primenet.com>
To: Qrp List <qrp-l@lehigh.edu>
Subject: [76062] FS:OHR400 & DD-1 Combo
Message-ID: <Pine.BSI.3.96.1000728090434.7462A-1000000@usr02.primenet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gang,

I have for sale my OHR400 4 band rig w/internal keyer. This radio is in excellent condition, and is the rig I used in my stints as the FOX.:-) Also included with the rig is the OHR DD-1 digital display. Both come with all documentation and cables included. Would like \$250 for the combo.

Mike
N07K
AZ. ScQRPions

(Sitting here at work staring at the clock counting the minutes to the end of the day when I can leave and hit the road for TUTHILL.:-))

Date: Fri, 28 Jul 2000 10:22:34 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-l@LeHigh.EDU>
Subject: [76063] Bumblebee question
Message-ID: <Pine.LNX.3.95.1000728100726.6168A-1000000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have found out why I can't be at Ft. Tuthill this weekend....it's because of the Bumblebee event on Sunday...hi hi....I was looking over the guidelines for the event and promptly became confused about a couple of things....you see, somehow the "Event gods" knew this was going to happen to me so they made sure I would not be at Ft. Tuthill, with all its "distractions", so I could get help to figure this BB thingy out....

(1) - the time? - hmmm....let's see, it says 1:00 pm EDT to 5:00 pm

EDT...well we're 2 hours behind the east so that means I should be on from 11:00 am Saskatchewan time to 3:00 pm SK time.....I think....

(2) - "no matter where you live, there is etc".....does this mean I can set up by Wascana Lake BEFORE 11:00 am and begin operating at 11:00 am? OR do I do the setup and operating within the 4 hour period?

...confused as wlsays..err...lwyssa...err...allywss...err...allwhays...
.....forget it...you know what I mean eh!?...help please?....

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

Date: Fri, 28 Jul 2000 10:24:11 -0700 (PDT)
From: Doug Simpson <dsimpson@darkwing.uoregon.edu>
To: Preston Buck <pbuck@flash.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [76064] Re: RF Design only \$14 -- and so much more!
Message-ID: <Pine.GS0.4.21.0007281016490.14579-100000@darkwing.uoregon.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

HomeBrew Disclaimer: not affiliated with Lindsay's, never heard of them before this morning!

I just visited Lindsay's site. They also have:

Frank C. Jones's 1936 Radio Handbook (19.95)
Official 1934 Shortwave Manual (15.95)

and a bunch more from the 20's, 30's, etc.

Check out THIS one:

Build A Universal CoilWinding Machine

"Although it may look complex, it really is not. You'll find that it is easy to build. You don't need to be a mechanical genius, or need expensive tools. Yet this amazing little machine will professionally wind universal and honeycomb coils, single layer and multilayer solenoids, close-wound and space wound coils, and even pi-spaced coils such as used for RF chokes and transformer.

No. 386 ...\$8.95"

Worth a look -- Thanks, Preston!

Doug Simpson WA7SKY
(Eugene, OR)

Lindsay's books website: <http://www.lindsaybks.com>

On Thu, 27 Jul 2000, Preston Buck wrote:

> Greetings all,
>
> I just a copy of RF Design by Hayward, W7Z0I from Lindsay's books for \$14
> plus shipping.
>
> The website is below and follow the link for discontinued items. Enjoy!
>
> <http://www.lindsaybks.com>
>
> TTFN
> Preston, n0glm, Ellis County Texas
>

Date: Fri, 28 Jul 2000 13:40:05 -0400
From: Bob Kellogg <ae4ic@nr.infi.net>
To: w1rfi@arrl.org
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [76065] Re: Presidents award QRP ARCI
Message-ID: <3981C575.C0347488@nr.infi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Congratulations, Ed!

You, Les, and many others on the QRP-L list represent what is good about ham radio in general, and the QRP group in particular.

It is this group that upholds the dignity and spirit of Hams long gone, with the helpfulness, the Elmering, the respect for each other, and the leadership. There are other groups that are doing the same kinds of things, but it makes us proud to see one of "ours" receive an award.

Thank you for representing us well. Your award was well deserved.

--
73,

Bob Kellogg, AE4IC, Greensboro, NC
Prolobly, not nececelery. - Benny Hill

Date: Fri, 28 Jul 2000 16:28:06 -0400 (EDT)
From: "John L. Sielke" <n4js@pobox.com>
To: qrp-1@lehigh.edu, elecrafft@qth.net
Subject: [76066] Lighthouse Special Event-with K2!
Message-ID: <XFMail.000728162748.John L. Sielke n4js@pobox.com>>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
MIME-Version: 1.0

Look for Special Event Station W2R, Operating from the "14 Ft Lighthouse" in Delaware Bay. (It's on the Delaware side, for those who need the state).

Date August 5, 2000 from 1400Z-2100Z
Frequencies: (in vicinity of): 14,060, 21,060, 28,060. CW with K2 from the boat "New Joycie."

QSL and Certificate from KC2ATK.

(I hope I can get the kite antenna up for this).

Be looking for fellow QRPers.

/ \ / \ / \ / \ John L. Sielke n4js@pobox.com n4js@qsl.net
(N)(4)(J)(S) NJ Grid:FM29LN <http://www.qsl.net/n4js>
_/ _/ _/ _/ NJ-QRP #57 QRP-L #884 QRP-ARCI ARQrp #86
G-QRP #9544 NorCal #1989 CQC AKQRP QCWA FISTS #2781

Date: Fri, 28 Jul 2000 17:02:43 -0400
From: Ron Majewski <majewski@erim-int.com>
To: qrp-1 <qrp-1@lehigh.edu>
Subject: [76067] FOX: W8RU Preliminary Log and Comments (28 July; long)
Message-ID: <3981F4F3.3F9C9D16@erim-int.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi All-

Wow! Another great hunt came and went in a flash. The flash is both figurative and literal because I had to shut down for about ten minutes when a thunderstorm rolled overhead. My XYL volunteered for spotting duty because I can't hear or see the weather once I'm in the shack in the basement.

I first want to thank all you hounds for two great hunts. Everyone was quite patient and courteous and I greatly appreciate it. It was really great to hear the band go quiet -- save for the one station I was after -- when I queried with a partial callsign. That behaviour doesn't seem to happen as much in the DXing world, so you're working to set the bar higher.

I had to scoot down to 14.056 again when I found 060 busy and then someone started a QSO on 058 with 5 minutes to go. 056 kept us away from the digital guys and there was a full 2 kHz open to allow the pileup to spread out. I started with the yagi pointed to the south and I had no reply to my first CQ. The second CQ brought at least a half dozen replies, but Jim (N5ID) was the one my brain locked onto and he got the first pelt of the evening. Dan (N4ROA) was right behind him with a nice signal. The chase was on.

My receive frequency turned into a stupefying glut of CW signals. I started moving my RIT up from 056 but you hounds had solidly gotten my scent and followed along. I was pretty quickly listening up 0.8-1 kHz. Once we got that far up I started tuning on the low side of 056 for some relief, but I could copy no one down there. I started to cherry-pick on the sides of the pile because the density of signals was more manageable. The rate meter on my logging software climbed to 70 QSOs/hour. Woo-woo! What a blast, and all with QRP!

I read a number of Emails and posts talking about how my signal was up and down all night. I had a hand in some of that. I tried to keep the antenna moving so as to give all regions a good shot. I had the most trouble with the Northeast. I worked everyone in that region (6 stations) off the back of my yagi. Signals would disappear when I pointed the beam directly that way.

The QRN steadily went up as the evening progressed, and I figured that some bad weather was brewing. My wife came running down the stairs at 0242utc and let me know that a thunderstorm had appeared out of nowhere. I announced QRX to whomever was listening and powered down for about 10 minutes. I made one more QSO before 0300utc but stayed around an extra 10 minutes so as to not short-change anyone.

In the end 76 hounds got a piece of my pelt. We made 58 QSOs in the first hour and 18 QSOs in the second. The QSOs were spread over 27 states and 3 Canadian Provinces. I'll likely be troubling some of you for a QSL card in the future since you all helped me make a big dent in a run for 20m WAS.

Again, many thanks to you all for two great evenings of fun on the radio! I look forward to joining you as a hound for the rest of the season.

72/3,

Ron (W8RU).

=====					
Time	Call	Rcvd RST	SPC	Name	No./Pwr
----	----	---	---	-----	
01:00	N5ID	559	LA	JIM	1913
01:01	N4ROA	599	VA	DAN	970
01:02	W0CH	559	MO	DAVE	618
01:03	N5TW	559	TX	TOM	1474
01:03	W5YR	559	TX	GEO	1373
01:04	AF4PS	599	FL	MAC	704
01:05	K5AAR	559	OK	DON	1512
01:06	N9AW	559	WI	JERRY	1271
01:07	AJ4Y	579	FL	PAUL	1795
01:08	W2XN	599	FL	FRED	1728
01:09	NK9G	559	WI	RICK	2061
01:10	N1TP	579	FL	TOM	1317
01:11	AJ4AY	599	AL	JAY	1372
01:12	N5IW	559	TX	DAVE	1718
01:13	N5ZE	579	TX	LEW	2178
01:15	N1FN	559	CO	ET	17
01:15	AA5UN	559	TX	MARTY	5W
01:16	AK1P	569	CA	PAUL	284
01:17	K0FRP	579	CO	AL	366
01:18	KK5LD	559	TX	DAN	2052
01:19	WZ2T	579	NY	RICK	122
01:20	K0EVZ	569	ND	DOC	861
01:20	N6MM	589	CA	HARVEY	5W
01:21	AF5Z	579	TX	BOB	984
01:22	VA6RF	579	AB	EARL	1076
01:23	K5DI/7	579	AZ	KARL	2195
01:24	N5GLQ	559	LA	MIKE	5W
01:25	W4EN	559	NJ	ED	2216
01:26	N0UR	579	MN	JIM	799
01:27	N6WG	559	CA	BOB	26
01:27	AE9F	589	CA	DAN	5W

01:28	VE5RC	559	SK	BRUCE	886
01:30	W7ILW	559	AZ	HOWARD	2010
01:31	K2ZN	589	NY	AL	3W
01:32	VE9GM	529	NB	GLEN	5W
01:33	AB8DF	599	MI	ED	1444
01:35	N1YJ	559	AZ	STEVE	4W
01:36	WA7SPY	559	CA	GLENN	2214
01:37	NK6A	579	CA	DON	1517
01:37	K5LN	559	TX	BILL	1794
01:38	KG4BIG	599	KY	KEN	1974
01:39	KM5VY	559	NM	TOM	1592
01:40	KA5T	559	TX	LARRY	89
01:41	K6VNX	559	CA	ARLEN	5W
01:42	K50I/7	579	AZ	TIM	73
01:43	W7QQQ	559	AZ	JACK	1210
01:44	WA0SXV	579	MO	MIKE	1w
01:45	NM5M	579	TX	ERIC	1824
01:45	NK7M	559	AZ	BOB	271
01:46	K5UP	599	OK	GLEN	21
01:47	NV4V	559	KY	PETE	1721
01:48	KF2P	559	NY	NICK	13
01:50	KC1FB	559	CT	JIM	29
01:51	K1QM	579	MA	JOEL	337
01:54	NW7DX	559	WA	BEN	1892
01:55	K7TQ	579	ID	RANDY	102
01:57	AA7EQ	559	AZ	BOB	217
01:58	K5DW	559	TX	DON	2083
02:00	W5JAY	559	AZ	JAY	1201
02:01	K9IUA	559	ND	KEVIN	384
02:04	AF4PP	559	GA	CHUCK	1685
02:08	W5YW	559	LA	MIKE	5W
02:10	KA1DDB	559	MI	MIKE	2064
02:11	K4LKL	559	FL	PAUL	2226
02:12	K3NY	599	MD	MIKE	1927
02:15	WB5QYT	559	NM	TOM	640
02:16	K7Q0	599	AZ	CHUCK	1
02:17	VE5VA	559	SK	PETE	46
02:18	WJ1R	559	CO	LARRY	2137
02:23	WD5CMA	559	LA	GLORIA	5W
02:24	WS4S	599	TN	CONARD	993
02:28	AF4LQ	579	KY	MIKE	1395
02:32	W4NJK	559	CA	CHARLIE	2075
02:38	AG0T	529	ND	TODD	2211
02:41	W8DIZ	559	OH	DIZ	1998
02:58	WB0HQV	599	MO	JIM	2100

Date: Fri, 28 Jul 2000 17:15:46 -0400
 From: Ron Majewski <majewski@erim-int.com>
 To: qrp-l <qrp-l@lehigh.edu>
 Subject: [76068] FOX: W8RU Final Log for Hunt Six (23 July 2000)
 Message-ID: <3981F802.225DA60E@erim-int.com>
 MIME-Version: 1.0
 Content-Type: text/plain; charset=us-ascii
 Content-Transfer-Encoding: 7bit

QRP-L Summer Fox Hunt SIX 23 July 2000 HUNT SIX
 FOX: W8RU, Ron, in Michigan - QRP-L No. 188
 All QSOs on/near 14.056

UTC	Call	RST Rcvd	SPC	Name	QRP-L #
2001	K0EVZ	579	ND	Doc	861
2002	VE9GM	559	NB	Glen	5W
2002	NQ7X	559	AZ	Floyd	343
2003	W5YR	559	TX	Geo	1373
2005	N5ZE	559	TX	Lew	2178
2005	N4SO	599	AL	Ken	622
2006	K5JHP	559	TX	Bill	825
2006	AF5Z	579	TX	Bob	984
2007	AJ4AY	579	AL	Jay	1372
2008	N6MM	569	CA	Harvey	5w
2009	N1FN	559	CO	ET	153
2010	W0CH	599	MO	Dave	618
2010	K5DW	559	TX	Don	2083
2011	KM5VY	339	NM	Tom	1592
2012	K8CV	559	MI	Walt	935
2013	K7TQ	579	ID	Randy	102
2014	N5TW	559	TX	Tom	1474
2015	WJ1R	559	CO	Larry	2137
2016	VE7SL	589	BC	Steve	769
2017	VA6RF	559	AB	Earl	1076
2017	NK7M	579	AZ	Bob	271
2018	N5IB	559	LA	Jim	1913
2019	AA5UN	599	TX	Marty	5w
2020	NM5M	579	TX	Eric	1824
2021	K9IUA/M	559	ND	Kevin	384
2022	VE5VA	559	SK	Pete	46
2023	K5OI	559	NM	Tim	73
2024	AE9F	559	CA	Dan	5w
2025	K5DI	579	NM	Karl	2195
2026	KK6MC/5	579	NM	Jim	411
2027	K6VNX	559	CA	Arlen	5w
2028	WA7SPY	559	CA	Glen	2214

2029	N5IW	559	TX	Dave	1718
2030	AJ4Y	559	FL	Paul	1795
2031	W2XN	559	FL	Fred	1728
2033	AF4PS	599	FL	Mac	704
2034	N1TP	559	FL	Tom	1317
2036	AG0T	559	ND	Todd	2211
2048	W7QQQ	559	AZ	Jack	1210
2040	WA7SPY	559	CA	Glenn	2214
2041	N6WG	559	CA	Bob	26
2042	N0UR	559	MN	Jim	799
2043	VE3ZBU/K5	569	NM	Irek	2w
2044	W4NJK	559	CA	Charlie	2075
2046	K7QO	599	AZ	Chuck	1
2047	N0RC	559	CO	Rod	1764
2050	WD5CMA	559	LA	Gloria	5w
2055	W1II	559	ME	John	4w
2112	NN5B	599	TX	Jerry	2164
2113	K1MG	579	CA	Mike	614
2122	W5YW	559	LA	Mike	5w
2131	W0AV	559	MO	George	1866
2137	K5AAR	559	OK	Don	1512
2153	NK6A	559	CA	Don	1517
2156	NW7DX	339	WA	Ben	1892
2158	KB1ENS	559	VT	John	2150

Date: Fri, 28 Jul 2000 15:07:57 -0700

From: "K7FD" <cqdx@teleport.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>, <elecraft@qth.net>

Subject: [76069] K2 nabs infamous 'ditter'

Message-ID: <000501bff8e0\$49f32ee0\$a78c80a7@lincoln.k12.or.us>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

The members only section of www.arrl.org has an interesting followup to the 'ditter' story ...

73, John K7FD

Date: Fri, 28 Jul 2000 16:05:12 -0600

From: "Rod, N0RC" <n0rc@qsl.net>

To: "qrp-1" <qrp-1@Lehigh.EDU>, <elecraft@qth.net>

Cc: "Russ Carpenter" <russ@natworld.com>
Subject: [76070] N0RC/BB #63 Hive Bound
Message-ID: <009401bfff8df\$ed20abc0\$678511d8@compaq>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Folks:

I was hoping to be Bee #63 operating from Montgomery Pass, CO ~11kft ASL. BUT--my trusty canine companion, Clancy (100lb black lab), came up lame on one leg two days ago. It's serious and he needs meds, attention and lots of ear scratching to nurse him back to health. So home I will stay, there will be other BB events but there will never be another Clancy.

Now, all is not lost. I will set up from home and give as many BBs as possible QSOs for your log. Watching the discussions about which band to work, I'll check 40m at the top of each hour for about 15 minutes, more if needed. Then I'll move to 20, 15 & 10 to offer up as many 2pt Qs as possible.

GL to all I'll be listening for you.

72/3 Rod, N0RC -- Fort Collins, CO

Date: Fri, 28 Jul 2000 15:18:29 -0700
From: "Ron Giuntini" <rong@slip.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [76071] Got my part
Message-ID: <000b01bfff8e1\$c36b9180\$d310b9d8@rongiuntini>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks to George Heron and the NJQRP Club. I was missing a part, and before I knew it, it was in my mailbox!
Now, if only the rest of the world worked as efficiently....

Date: Fri, 28 Jul 2000 17:34:31 -0500
From: "Randall" <Firefox@Southwind.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [76072] Silver mica caps.
Message-ID: <07a401bff8e4\$001e9760\$155986d1@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Does anyone know of a good source for silver mica capacitors ?
Don't see any in any of my catalogs (names with held to protect the
guilty).....

thanks

Date: Fri, 28 Jul 2000 15:44:30 -0700
From: neil <neil@aade.com>
To: Firefox@Southwind.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [76073] Re: Silver mica caps.
Message-ID: <39820CCE.85FB34FB@aade.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

An excellent source of silver micas and many
other
neat items including inductors, toroids,
resistors
wire, you name it is

JOHNSON SHOP PRODUCTS
POB 2843
Cupertino, CA 95015

johnsonshp@aol.com

Every home brewer should have this catalog.

Not commercial interest etc.

--

Neil
<http://www.aade.com>
<mailto:neil@aade.com>
Almost All Digital Electronics
1412 Elm St. SE
Auburn, WA 98092
253-351-9316

End of QRP-L Digest 1896
